

Docket: 2000-073

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named
Inventor: Mingjun Liu

Appln. No.: 09/679,127

Filing Date: October 3, 2000

Title: ABA-TYPE BLOCK COPOLYMERS HAVING A
RANDOM BLOCK OF HYDROPHOBIC AND
HYDROPHILIC MONOMERS AND METHODS OF
MAKING THE SAME

Examiner:

J. Mullis

Group Art Unit: 1711

AMENDMENT B

Commissioner for Patents
Washington, D.C. 20231CERTIFICATE OF TRANSMISSION BY
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Assistant Commissioner for Patents, Washington, D.C. 20231 on 12/6/02.

BY: Suzanne Shadley
Suzanne Shadley

Sir:

This Amendment B follows and is supplemental to Amendment A filed on November 21,
2002 in response to the Office Action of June 21, 2002.

IN THE CLAIMS

Please add the following claims:

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DEC 09 2002

GROUP 1700

23 20. (New) A block copolymer characterized by the general formula $(AB)_n$ -Core, where A and B are polymeric blocks and Core is a non-polymeric linking core; wherein said block copolymer comprises at least one random block comprised of two or more monomers, wherein at least one of said two or more monomers is hydrophilic and has a log p value less than or equal to 1, and at least one of said two or more monomers is hydrophobic, and has a log p value greater than or equal to 2, such that an absolute difference in log p between said at least one hydrophobic and hydrophilic monomers is at least about 1.0; and n is 2 or more; and provided that said block copolymer is soluble or miscible in water, methanol, ethanol or isopropanol or any combination thereof at a concentration of at least about 20 mg/mL at room temperature.